

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-3 (withdrawn)

4 (currently amended). An isolated DNA sequence comprising a nucleotide sequence selected from the group consisting of:

(a) a sequence which encodes an enzyme according to claim 1 SEQ ID NO:1 or a functional portion or equivalent thereof;

(b) ~~a sequence which is a complement of a sequence (a);~~

(c) ~~a sequence which is a reverse complement of a sequence (a); and~~

(d) ~~a sequence which is a reverse sequence of a sequence (a).~~

5 (currently amended). A DNA sequence according to claim 4 in which sequence (a) comprises nucleotides 529 to 945 of the ~~Figure 1 (SEQ ID NO:1)~~ SEQ ID NO:1 sequence.

6 (currently amended). A DNA sequence according to claim 4 in which sequence (a) comprises nucleotides 549 to 1844 of the ~~Figure 1~~ SEQ ID NO:1 sequence.

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7 (currently amended). A DNA sequence according to claim 4 in which sequence (a) comprises nucleotides 1 to 1844 of the ~~Figure 1~~ (SEQ ID NO:1) sequence.

8 (currently amended). A DNA construct comprising a DNA sequence according to ~~any one of claims 4 to 7~~ claim 4.

9-12 (cancelled).

13-17 (withdrawn)

18 (previously presented). An optionally labelled nucleic acid probe capable of hybridising under high stringency, to a nucleotide sequence of ~~Figure 1~~ (SEQ ID NO:1). SEQ ID NO:1.